

Learn Basic HTML5 and CSS3 by Building Your First Web Page

INTRODUCTION



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Let's get started.



File Extensions

File in OS without extensions



bigPicture

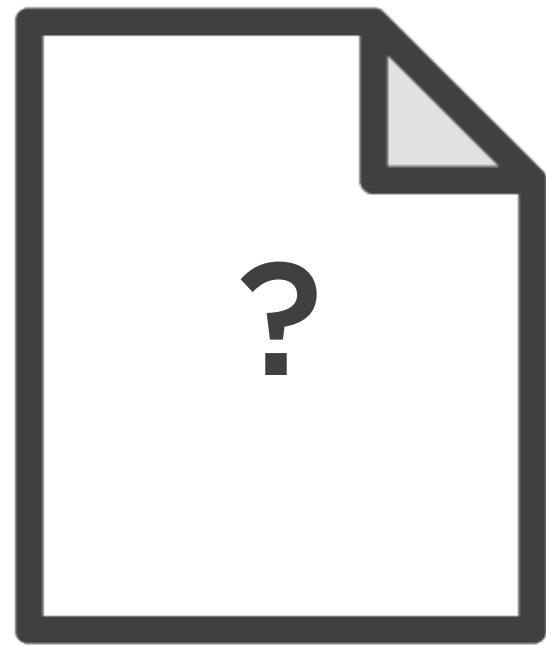
File in OS with extensions



bigPicture.jpg



You need to know what the file is



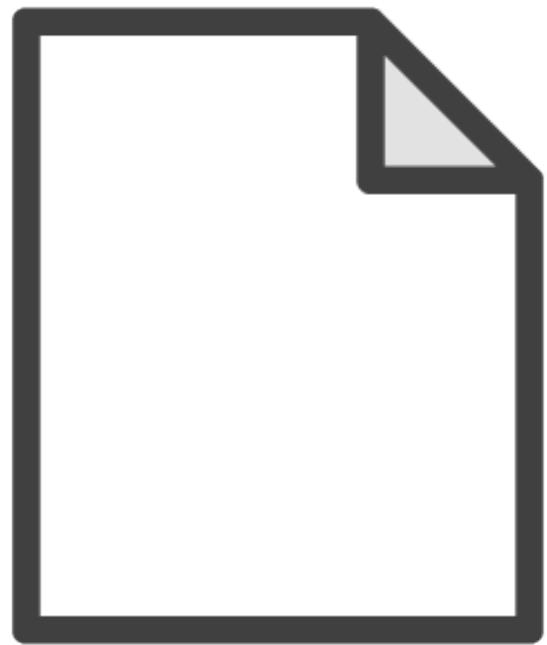
bigPicture



bigPicture.jpg



bigPicture.png



bigPicture.svg



Responsive Web Design

is the approach that suggests that design and development should respond to the user's behavior and environment based on screen size, platform and orientation. The practice consists of a mix of flexible grids and layouts, images and an intelligent use of CSS media queries.

—Smashing Editorial from Smashing Magazine



TREASURE ISLAND
BY
ROBERT LOUIS STEVENSON







◀ Header

◀ Hero

◀ About

◀ Illustration

◀ Read

◀ Chapters

◀ Footer



Byte Size Comparison

Original: 2.7 megabytes 2000x1333



Compressed: 228.3 kilobytes 2000x1333

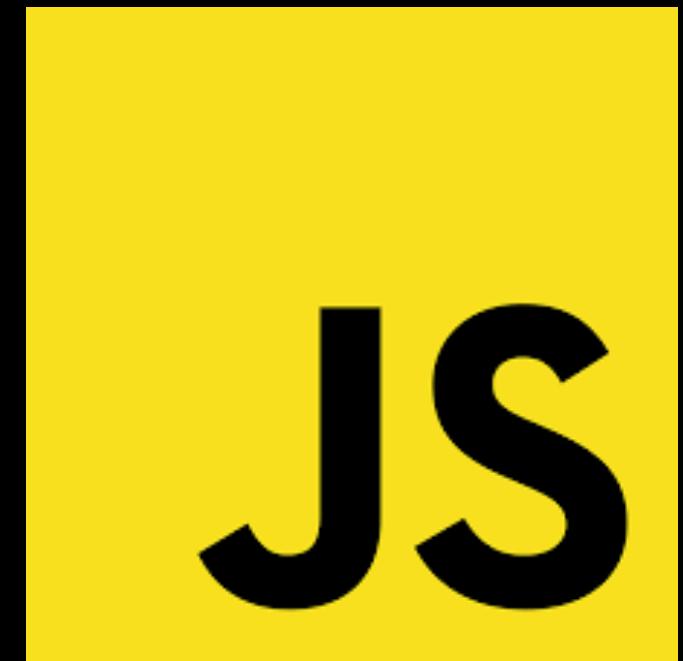




HTML5



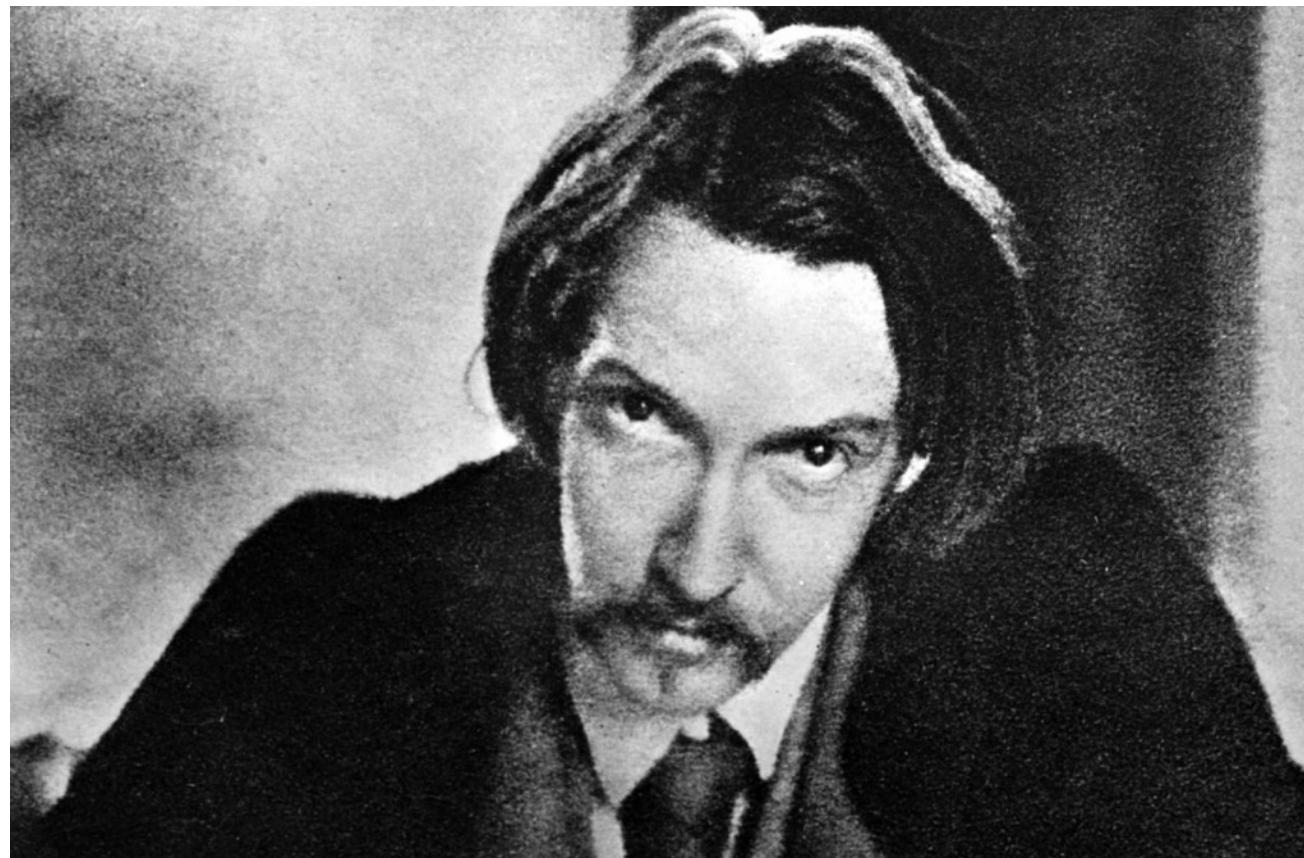
CSS3



Javascript



Pixels vs. Code



Sublime Text 2

OPEN FILES

robert-louis-steven.jpg

```
1 ffd8ffe0 0010 4a46 4946 0001 0200 0001
2 0001 0000 ffdb 0043 0008 0606 0706 0508
3 0707 0709 0908 0a0c 140d 0c0b 0b0c 1912
4 130f 141d 1a1f 1e1d 1a1c 1c20 242e 2720
5 222c 231c 1c28 3729 2c30 3134 3434 1f27
6 393d 3832 3c2e 3334 32ff db00 4301 0909
7 090c 0b0c 180d 0d18 3221 1c21 3232 3232
8 3232 3232 3232 3232 3232 3232 3232 3232
9 3232 3232 3232 3232 3232 3232 3232 3232
10 3232 3232 3232 3232 3232 3232 3232 3232
11 0011 0803 2005 0003 0122 0002 1101 0311
12 01ff c400 1f00 0001 0501 0101 0101 0100
13 0000 0000 0000 0001 0203 0405 0607 0809
14 0a0b ffcc 00b5 1000 0201 0303 0204 0305
15 0504 0400 0001 7d01 0203 0004 1105 1221
16 3141 0613 5161 0722 7114 3281 91a1 0823
17 42b1 c115 52d1 f024 3362 7282 090a 1617
18 1819 1a25 2627 2829 2a34 3536 3738 393a
19 4344 4546 4748 494a 5354 5556 5758 595a
20 6364 6566 6768 696a 7374 7576 7778 797a
21 8384 8586 8788 898a 9293 9495 9697 9899
22 9aa2 a3a4 a5a6 a7a8 a9aa b2b3 b4b5 b6b7
23 b8b9 bac2 c3c4 c5c6 c7c8 c9ca d2d3 d4d5
24 d6d7 d8d9 dae1 e2e3 e4e5 e6e7 e8e9 eaf1
25 f2f3 f4f5 f6f7 f8f9 faff c400 1f01 0003
26 0101 0101 0101 0100 0000 0000 0001
27 0203 0405 0607 0809 0a0b ffcc 00b5 1100
28 0201 0204 0403 0407 0504 0400 0102 7700
29 0102 0311 0405 2131 0612 4151 0761 7113
30 2232 8108 1442 91a1 b1c1 0923 3352 f015
31 6272 d10a 1624 34e1 25f1 1718 191a 2627
32 2829 2a35 3637 3839 3a43 4445 4647 4849
33 4a53 5455 5657 5859 5a63 6465 6667 6869
34 6a73 7475 7677 7879 7a82 8384 8586 8788
```

Line 1, Column 1

Tab Size: 4



A webpage

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

BACKSTAGE

```
</head>
```

```
<body>
```

STAGE

```
</body>
```

```
</html>
```





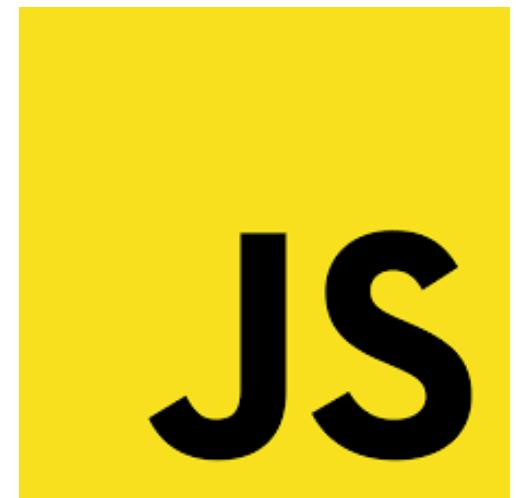
HTML5

Hypertext Markup Language
Version 5



CSS3

Cascading Style Sheets
Version 3



Javascript

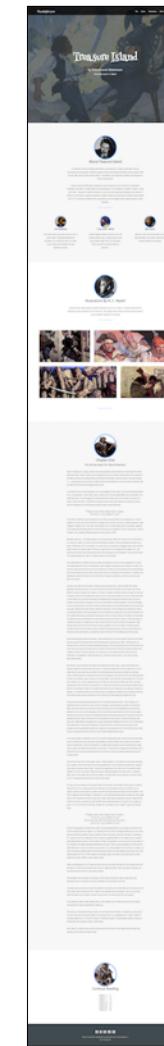
ECMAScript
Edition 7



Summary



We looked at the website layout
we're building



Summary



We saw why the size of the illustrations matter for downloading speed



Summary



We revealed how to show the file extensions in MacOS & Windows 10



brass-telescope.png



chapter_one.txt



cover-illustration.jpg



hero.jpg



index.html



Summary



We talked about the differences between front end and back ends of web documents

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <meta charset="utf-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1">
7      <title>Treasure Island</title>
8
9      <script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8/jquery.min.js">
10     </script>
11
12     <link href="https://fonts.googleapis.com/css?family=Henny+Penny" rel="stylesheet">
13     <link href="https://fonts.googleapis.com/css?family=Open+Sans" rel="stylesheet">
14     <link href="https://fonts.googleapis.com/css?family=Quicksand" rel="stylesheet">
15     <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-awesome/4.6.0/css/font-awesome.min.css">
16     <link rel="stylesheet" href="assets/css/styles.css">
17
18 </head>
19 <body id="top">
20
21     <header>
22         <h2><a href="#">Pluralsight.com</a></h2>
23         <nav>
24             <li><a href="#top">Top</a></li>
25             <li><a href="#about">About</a></li>
26             <li><a href="#illus">Illustrations</a></li>
27             <li><a href="#read">Read</a></li>
28             <li><a href="#chapters">Chapters</a></li>
29
30 </nav>
```

Line 1, Column 1 — 190 Lines

INS HTML Spaces: 4



Summary



We looked at the open source code editor Brackets and got it ready for use



